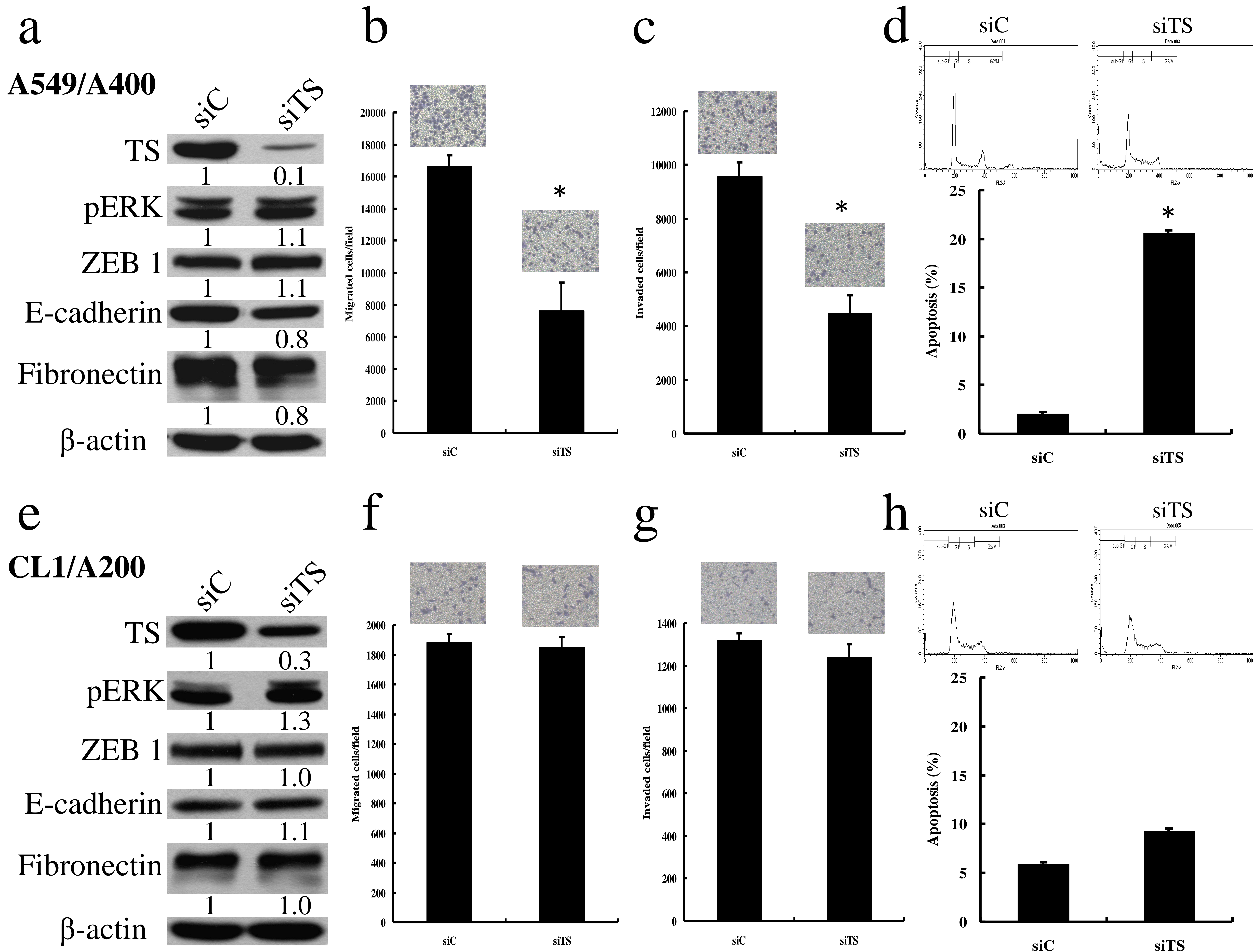


Supplementary Figure 3



The role of TS in ERK/ZEB1 signaling pathway.

The cells (5×10^5 cells) were plated in 60-mm Petri-dishes followed by transfection with siRNA to inhibit TS expression. After 48 h incubation, the cells were harvested for pERK, ERK, ZEB1, E-cadherin and fibronectin protein detection (a) or seeded for transwell migration assay (b) and migration assay (c) using 2×10^4 cells. The transfected cells also analyzed by Flow cytometry with PI staining to evaluate Sub-G1 ratio (d). The same procedures were also applied to CL1/A200 cells and the results were demonstrated in e-h.